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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/895,382

DATE: 10/10/2001

TIME: 09:59:38

Input Set : A:\210213US0.txt

Output Set: N:\CRF3\10102001\I895382.raw

5 <110> APPLICANT: OHTAKI, HIROMI
7 NAKAMURA, JUN
9 IZUI, HIROSHI
11 NAKAMATSU, TSUYOSHI
15 <120> TITLE OF INVENTION: BACTERIUM PRODUCING L-GLUTAMIC ACID AND METHOD FOR PRODUCING L-GLUTAMIC

16 ACID
20 <130> FILE REFERENCE: 210213US0
24 <140> CURRENT APPLICATION NUMBER: 09/895,382
26 <141> CURRENT FILING DATE: 2001-07-02
30 <150> PRIOR APPLICATION NUMBER: JP 2000-204256
32 <151> PRIOR FILING DATE: 2000-07-05
36 <160> NUMBER OF SEQ ID NOS: 34
40 <170> SOFTWARE: PatentIn version 3.1
44 <210> SEQ ID NO: 1
46 <211> LENGTH: 20
48 <212> TYPE: DNA
50 <213> ORGANISM: Artificial Sequence
54 <220> FEATURE:
56 <223> OTHER INFORMATION: Synthetic DNA
58 <220> FEATURE:
60 <221> NAME/KEY: misc_feature
62 <222> LOCATION: (3)..(3)
64 <223> OTHER INFORMATION: n = a, c, g, or t
68 <220> FEATURE:
70 <221> NAME/KEY: misc_feature
72 <222> LOCATION: (9)..(9)
74 <223> OTHER INFORMATION: n = a, c, g, or t
78 <220> FEATURE:
80 <221> NAME/KEY: misc_feature
82 <222> LOCATION: (18)..(18)
84 <223> OTHER INFORMATION: n = a, c, g, or t
88 <400> SEQUENCE: 1

W--> 89 canathggnt tyttytnca

20

92 <210> SEQ ID NO: 2
94 <211> LENGTH: 19
96 <212> TYPE: DNA
98 <213> ORGANISM: Artificial Sequence
102 <220> FEATURE:
104 <223> OTHER INFORMATION: Synthetic DNA
106 <220> FEATURE:
108 <221> NAME/KEY: misc_feature
110 <222> LOCATION: (3)..(3)
112 <223> OTHER INFORMATION: n= a, c, g, or t
116 <220> FEATURE:
118 <221> NAME/KEY: misc_feature
120 <222> LOCATION: (12)..(12)
122 <223> OTHER INFORMATION: n= a, c, g, or t

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RAW SEQUENCE LISTING
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Input Set : A:\210213US0.txt
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126 <220> FEATURE:
 128 <221> NAME/KEY: misc_feature
 130 <222> LOCATION: (18)..(18)
 132 <223> OTHER INFORMATION: n= a, c, g, or t
 136 <400> SEQUENCE: 2
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 140 <210> SEQ ID NO: 3
 142 <211> LENGTH: 23
 144 <212> TYPE: DNA
 146 <213> ORGANISM: Artificial Sequence ✓
 150 <220> FEATURE:
 152 <223> OTHER INFORMATION: Synthetic DNA ✓
 154 <400> SEQUENCE: 3
 155 gaatcatcca tataagatcc ggc 23
 158 <210> SEQ ID NO: 4
 160 <211> LENGTH: 24
 162 <212> TYPE: DNA
 164 <213> ORGANISM: Artificial Sequence
 168 <220> FEATURE:
 170 <223> OTHER INFORMATION: Synthetic DNA ✓
 172 <400> SEQUENCE: 4
 173 tagctttgta gttgttgcta accg 24
 176 <210> SEQ ID NO: 5
 178 <211> LENGTH: 24
 180 <212> TYPE: DNA
 182 <213> ORGANISM: Artificial Sequence
 186 <220> FEATURE:
 188 <223> OTHER INFORMATION: Synthetic DNA ✓
 190 <400> SEQUENCE: 5
 191 agcgaacttg aggtttactt cccg 24
 194 <210> SEQ ID NO: 6
 196 <211> LENGTH: 24
 198 <212> TYPE: DNA
 200 <213> ORGANISM: Artificial Sequence
 204 <220> FEATURE:
 206 <223> OTHER INFORMATION: Synthetic DNA ✓
 208 <400> SEQUENCE: 6
 209 tgctggttcc tggcattttg cgcc 24
 212 <210> SEQ ID NO: 7
 214 <211> LENGTH: 20
 216 <212> TYPE: DNA
 218 <213> ORGANISM: Artificial Sequence
 222 <220> FEATURE:
 224 <223> OTHER INFORMATION: Synthetic DNA ✓
 226 <400> SEQUENCE: 7
 227 tcgaacaatc tcttcacgcc 20
 230 <210> SEQ ID NO: 8
 232 <211> LENGTH: 21
 234 <212> TYPE: DNA

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Input Set : A:\210213US0.txt

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236 <213> ORGANISM: Artificial Sequence
 240 <220> FEATURE:
 242 <223> OTHER INFORMATION: Synthetic DNA ✓
 244 <400> SEQUENCE: 8
 245 gaatcccacc aaatctgcgc c 21
 248 <210> SEQ ID NO: 9
 250 <211> LENGTH: 20
 252 <212> TYPE: DNA
 254 <213> ORGANISM: Artificial Sequence
 258 <220> FEATURE:
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 263 tgatgttgaa atgtttgggg 20
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 272 <213> ORGANISM: Artificial Sequence
 276 <220> FEATURE:
 278 <223> OTHER INFORMATION: Synthetic DNA ✓
 280 <400> SEQUENCE: 10
 281 gatgtcatgc tggttacgcc 20
 284 <210> SEQ ID NO: 11
 286 <211> LENGTH: 22
 288 <212> TYPE: DNA
 290 <213> ORGANISM: Artificial Sequence
 294 <220> FEATURE:
 296 <223> OTHER INFORMATION: Synthetic DNA ✓
 298 <400> SEQUENCE: 11
 299 caaagcacca gtgccgtcgc gg 22
 302 <210> SEQ ID NO: 12
 304 <211> LENGTH: 24
 306 <212> TYPE: DNA
 308 <213> ORGANISM: Artificial Sequence
 312 <220> FEATURE:
 314 <223> OTHER INFORMATION: Synthetic DNA ✓
 316 <400> SEQUENCE: 12
 317 tgttcgtttt cattcgcggt gccg 24
 320 <210> SEQ ID NO: 13
 322 <211> LENGTH: 24
 324 <212> TYPE: DNA
 326 <213> ORGANISM: Artificial Sequence
 330 <220> FEATURE:
 332 <223> OTHER INFORMATION: Synthetic DNA ✓
 334 <400> SEQUENCE: 13
 335 atagtttcct ggattgtttg gcgc 24
 338 <210> SEQ ID NO: 14
 340 <211> LENGTH: 18
 342 <212> TYPE: DNA
 344 <213> ORGANISM: Artificial Sequence

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Input Set : A:\210213US0.txt
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348 <220> FEATURE:
350 <223> OTHER INFORMATION: Synthetic DNA ✓
352 <220> FEATURE:
354 <221> NAME/KEY: misc_feature
356 <222> LOCATION: (9)..(9)
358 <223> OTHER INFORMATION: n = a, c, g, or t
362 <400> SEQUENCE: 14
W--> 363 *caraayccnt ggtggtgg* ✓ 18
366 <210> SEQ ID NO: 15
368 <211> LENGTH: 20
370 <212> TYPE: DNA
372 <213> ORGANISM: Artificial Sequence
376 <220> FEATURE:
378 <223> OTHER INFORMATION: Synthetic DNA ✓
380 <220> FEATURE:
382 <221> NAME/KEY: misc_feature
384 <222> LOCATION: (3)..(3)
386 <223> OTHER INFORMATION: n = a, c, g, or t
390 <220> FEATURE:
392 <221> NAME/KEY: misc_feature
394 <222> LOCATION: (6)..(6)
396 <223> OTHER INFORMATION: n = a, c, g, or t
400 <220> FEATURE:
402 <221> NAME/KEY: misc_feature
404 <222> LOCATION: (15)..(15)
406 <223> OTHER INFORMATION: n = a, c, g, or t
410 <400> SEQUENCE: 15
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414 <210> SEQ ID NO: 16
416 <211> LENGTH: 20
418 <212> TYPE: DNA
420 <213> ORGANISM: Artificial Sequence
424 <220> FEATURE:
426 <223> OTHER INFORMATION: Synthetic DNA ✓
428 <400> SEQUENCE: 16
429 cgagctcttc attgatggcg 20
432 <210> SEQ ID NO: 17
434 <211> LENGTH: 20
436 <212> TYPE: DNA
438 <213> ORGANISM: Artificial Sequence
442 <220> FEATURE:
444 <223> OTHER INFORMATION: Synthetic DNA ✓
446 <400> SEQUENCE: 17
447 gcagctacac acgagttggg 20
450 <210> SEQ ID NO: 18
452 <211> LENGTH: 20
454 <212> TYPE: DNA
456 <213> ORGANISM: Artificial Sequence
460 <220> FEATURE:

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Input Set : A:\210213US0.txt

Output Set: N:\CRF3\10102001\I895382.raw

462 <223> OTHER INFORMATION: Synthetic DNA ✓
464 <400> SEQUENCE: 18
465 gcaacaccta aatggttggg 20
468 <210> SEQ ID NO: 19
470 <211> LENGTH: 20
472 <212> TYPE: DNA
474 <213> ORGANISM: Artificial Sequence
478 <220> FEATURE:
480 <223> OTHER INFORMATION: Synthetic DNA ✓
482 <400> SEQUENCE: 19
483 gcaagaagtc tacaagcgcc 20
486 <210> SEQ ID NO: 20
488 <211> LENGTH: 16
490 <212> TYPE: DNA
492 <213> ORGANISM: Artificial Sequence
496 <220> FEATURE:
498 <223> OTHER INFORMATION: Synthetic DNA ✓
500 <400> SEQUENCE: 20
501 gccaacgtat tcacgg 16
504 <210> SEQ ID NO: 21
506 <211> LENGTH: 20
508 <212> TYPE: DNA
510 <213> ORGANISM: Artificial Sequence
514 <220> FEATURE:
516 <223> OTHER INFORMATION: Synthetic DNA ✓
518 <400> SEQUENCE: 21
519 tgatgaacca ctcgatcccc 20
522 <210> SEQ ID NO: 22
524 <211> LENGTH: 20
526 <212> TYPE: DNA
528 <213> ORGANISM: Artificial Sequence
532 <220> FEATURE:
534 <223> OTHER INFORMATION: Synthetic DNA ✓
536 <400> SEQUENCE: 22
537 aagacaccac cttctaccgc 20
540 <210> SEQ ID NO: 23
542 <211> LENGTH: 20
544 <212> TYPE: DNA
546 <213> ORGANISM: Artificial Sequence
550 <220> FEATURE:
552 <223> OTHER INFORMATION: Synthetic DNA ✓
554 <400> SEQUENCE: 23
555 caagtggat tctgcagcgg 20
558 <210> SEQ ID NO: 24
560 <211> LENGTH: 21
562 <212> TYPE: DNA
564 <213> ORGANISM: Artificial Sequence
568 <220> FEATURE:
570 <223> OTHER INFORMATION: Synthetic DNA ✓

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/895,382

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Input Set : A:\210213US0.txt

Output Set: N:\CRF3\10102001\I895382.raw

L:89 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:137 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:363 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:411 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:1213 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31